

12-21-01

By Express Mail #EV011853764US December 18, 2001

Attorney Docket No.: 4925-165CIP

Check box if applicable:

☐ DUPLICATE

**UTILITY PATENT APPLICATION TRANSMITTAL**

*Submit an original and a duplicate for fee processing*

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, DC 20231

Sir:

**THIS APPLICATION IS A [x] CONTINUATION-IN-PART OF U.S. PATENT APPLICATION SERIAL NOS. 09/676,373 WHICH WAS FILED March 30, 2000 AND PCT APPLICATION PCT/FI00/00916 WHICH WAS FILED September 4, 2000.**

Transmitted herewith for filing is the utility patent application of:

Inventor(s): Kiran KUCHI, Olav TIRKKONEN, Ari HOTTINEN

For: ISI-Robust Slot Formats for Non-Orthogonal-Based Space-Time Block Codes

Enclosed are:

- Transmittal letter (2x) with Fee Computation Sheet
- General Authorization For Payment of Fees (2x)
- Title Page, Specification, Claims & Abstract (33 pages [total number of pages of application])
- Unexecuted Declaration and Power of Attorney (3 p.)
- 5 sheet(s) of drawing(s) (Figs. 1 to 5)
- Check for \$ 1100 for filing fee
- Assignment of the invention to **Nokia Corporation**
- Information Disclosure Statement
- Return Receipt Postcard

☐ Please charge my Deposit Account No. 03-2412 in the amount of \$\_. A duplicate copy of this sheet is enclosed.

☐ Please charge my Deposit Account No. 03-2412 in the amount of \$\_. A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this application or credit any overpayment to Deposit Acct. No. 03-2412.

☒ Any additional filing fees required under 37 CFR 1.16 not otherwise paid by check.

☒ Any patent appl. processing fees under 37 CFR 1.17

☒ The issue fee set in 37 CFR 1.18 at 3 months from mailing of the Notice of Allowance, pursuant to 37 CFR 1.311 (b) provided the fee has not already been paid by check.

☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

☐ **Incorporation By Reference** (useable if submitting copy of declaration from prior application -- for continuation/divisional applications only):

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☐ Amend the specification by inserting before the first line the sentence (entire genealogy should be set forth):

"This is a continuation division continuation-in-part of application Serial No. 09/676,373, filed March 30, 2000 which is a ."


☒ Priority is claimed for this invention and application, corresponding applications having been filed in Finland on December 22, 2000, No. 20002845, Finland on June 25, 2001, No. 20011357, respectively.

☐ a. Certified copies of the priority document(s) is (are) already of record in U.S. Application Serial No. 09/676,373, filed March 30, 2000, receipt of which has been acknowledged by the US PTO on in Paper No. .

☐ b. The certified priority document(s) is (are) enclosed herewith for filing in this continuing application.

- ☐ A Petition for Extension of Time in the parent application is enclosed so that the parent application will be pending as of the time this paper is filed.
- ☐ The undersigned declares that the copy of the application papers (Specification, Claims, Abstract, Declaration and Power Of Attorney, and drawings and ) filed herewith are true copies of those originally filed in the U.S. Patent Office for Application Serial No. 09/676,373.
- ☒ The undersigned declares that all statements made herein of his or her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

By:   
Michael C. Stuart, Reg. No. 35,698

Dated: December 18, 2001

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**FILING FEE COMPUTATION SHEET***Submit an original and a duplicate for fee processing*

Assistant Commissioner for Patents  
 BOX PATENT APPLICATION  
 Washington, DC 20231

Dated: December 18, 2001

In re Application of: **Kiran KUCHI et al.**

For: **ISI-Robust Slot Formats for Non-Orthogonal-Based Space-Time Block  
 Codes**

Parent Serial Nos.: **09/676,373, PCT/FI00/00916**

The filing fee has been calculated as shown below:

FOR:	Col. 1	Col. 2	SMALL ENTITY	OTHER THAN SMALL ENTITY
	# FILED	# EXTRA		
BASIC FEE			<b>\$370</b>	<b>\$740</b>
TOTAL CLAIMS	<u>40</u> - 20 =	<u>20</u>	x 9 = \$	x 18 = \$ 360
INDEPENDENT CLAIMS	<u>3</u> - 3 =		x 42 = \$	x 84 = \$
<input type="checkbox"/> MULTIPLE DEPENDENCY			+\$140 = \$	+ 280 \$
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2			<b>TOTAL: \$</b>	<b>\$ 1100</b>

09/676,373, PCT/FI00/00916